

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number SR09397RC

This certificate issued to

Bell Helicopter Textron
P. O. Box 482, Dept. 81, Mail Stop 1207
Fort Worth, TX 76101

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 6 of the Civil Air Regulations.

Original Product -- Type Certificate Number: H2SW
Make: Bell Helicopter Textron
Model: 206A; 206B (See aircraft effectivity in Limitations and Conditions Sections below)

Description of Type Design Change: Increase in takeoff weight from 3200 lbs to 3350 lbs when modified in accordance with Bell Model 206 Series Service Instructions BHT-206-SI-129 dated July 12, 2004, or later FAA approved revision.

Limitations and Conditions: (See continuation sheets)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: October 29, 2003

Date reissued: March 29, 2005

Date of issuance: December 31, 2003

Date amended: July 12, 2004



By direction of the Administrator

(Signature)
Carl F. Mittag, Manager
Rotorcraft Certification Office
Southwest Region

(Title)

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Number SR09397RC

Date of Issuance: December 31, 2003

Date Amended: July 12, 2004

Date Reissued: March 29, 2005

Limitations and Conditions (Continued):

Aircraft effectivity is as follows:

- This STC is limited to 206A or 206B aircraft that are qualified for and configured with the 65 inch diameter tail rotor.
- 206A S/N 4 thru 660, and 672 thru 715 if modified to a Model 206B by incorporation of Service Instruction BHT-206-SI-80, 250-C20 Engine Airframe Retrofit Kit. If a 206A is being modified by the concurrent incorporation of Service Instructions BHT-206-SI-80 and BHT-206-SI-112, it is necessary to incorporate only that part of Service Instruction BHT-206-SI-80 which is not in conflict with Service Instruction BHT-206-SI-112. Note that 206A aircraft prior to S/N 498, modified to 206B by the incorporation of Service Instruction BHT-206-SI-80 are subsequently eligible for modification by Service Instruction BHT-206-SI-112, only after incorporating Technical Bulletin 206-94-146, Anti-Torque Control System Hydraulic boost, Removal of.
- 206B S/N 661 thru 671, and 716 thru 2211 if modified by incorporation of Service Instruction BHT-206-SI-112, Retrofit Kit, Engine Assembly 250-C20B.
- 206B S/N 2212 and subsequent

Note 1: 206A or 206B, modified by incorporation of Service Instruction BHT-SI-206-60, Directional Hydraulic Power Control, are eligible for modification only after incorporating Technical Bulletin 206-94-146, Anti-Torque Control System Hydraulic Boost, Removal of.

Note 2: 206A or 206B, modified by incorporation of Service Instruction BHT-206-SI-13, 16, or 71, Stability and Control Augmentation System (SCAS) are eligible only after removal of the SCAS, and return to the original configuration as delivered, or later flight control system configuration as approved by Bell Helicopter.

Rotorcraft Flight Manual Supplement for Increased Internal Gross Weight to 3350 lbs., BHT-206B3-FMS-37, Bell Helicopter Textron Inc., Original Revision, dated July 12, 2004, or later FAA approved revision is required for this installation.

Instructions for Continued Airworthiness (ICA) for Bell Model 206B series helicopters are incorporated in Bell Helicopter Textron 206 Service Instruction BHT-206-SI-129 dated July 12, 2004, or later FAA approved revision.

Compatibility of this design change with the previously approved modifications must be determined by the installer. If the holder agrees to permit another person to use this

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certificate to alter the product, the holder shall give the other person written evidence of that permission.